

REMARKS

Claims 1-9 are pending in the application and are rejected under 35 U.S.C. 103(a) as being unpatentable over Brockelsby et al. (US 5,164,732, US 5,192,954, and US 5,196,846) in view of Cohn (US 5,387,916), Asbury et al. (US 5,510,794), or Haddad et al. (US 2003/0137435).

The Brockelsby references disclose vehicle identification systems with antennae installed in the road and transponders installed on the cars. Cohn discloses an automotive navigation system and method with an interrogator installed on a vehicle and a responder installed on the side of the road. Asbury discloses a vehicular radar wayside transponder system with transponders installed by the roadside to communicate with a GPS system. Haddad discloses a system for tracking the locations of buses and users to alert the user as to the time a bus will arrive at a certain stop.

The present invention is intended to eliminate the occurrence of errors in GPS systems by using an RFID chip installed in the road. The RFID chip is not prone to reader malfunction and corresponding error because it is fabricated in the form of a non-contact type, providing a longer lifetime and easier OAM (Operation, Administration and Maintenance).

None of the cited references disclose or suggest using an RFID chip installed in a road at predetermined intervals as recited in amended Claim 1. All the Brockelsby references teach installing antennas in the road and do not teach or suggest using an RFID chip. The Examiner uses the remaining references to show installing transponders in a fixed location and readers in vehicles. Haddad, however, does not teach fixed transponders and the remaining references do not teach or suggest using RFID chips.

Accordingly, amended Claim 1 is believed to be allowable and claims 2-9 are also believed to be allowable based on their dependency from Claim 1.

Should the Examiner feel that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,



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